

DOCKET NO.: MOR-0003



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Nicholas C. Nicolaides; Luigi Grasso;

Philip M. Sass

Confirmation No.: 9801

Patent No.: 6,808,894 B1

Issued: October 26, 2004

Application No.: 09/707,468

Filing Date: November 7, 2000

For: **METHODS FOR GENERATING GENETICALLY ALTERED ANTIBODY
PRODUCING CELL LINES WITH IMPROVED ANTIBODY
CHARACTERISTICS**

DATE OF DEPOSIT: April 27, 2005

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

Felcity E. Groth

TYPED NAME: Felcity E. Groth
REGISTRATION NO.: 47,042

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

**REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 CFR § 1.322 & 37 CFR § 1.323**

It is respectfully requested that a Certificate of Correction be issued for the above-identified patent. The patent has **forty two** errors; **twenty-seven** of which occurred through the fault of the Patent and Trademark Office, and **fifteen** errors were the fault of the applicant. Applicants' errors occurred in good faith and are of a clerical or typographical nature, or minor character, and are not believed to constitute new matter or require examination.

Enclosed herewith please find a completed Certificate of Correction form.



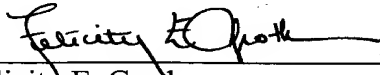
Please charge Deposit Account No. 23-3050 in the amount of \$.00 .
This sheet is attached in duplicate. (See 37 CFR § 1.20(a))

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PATENT

- ☒ A check in the amount of \$100.00 is attached.
- ☒ The Commissioner is hereby authorized to charge any deficiency or credit any overpayment of the fees associated with this communication to Deposit Account No. 23-3050.

Date: April 27, 2005



Felicity E. Groth
Registration No. 47,042

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Philadelphia PA 19103
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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO : 6,808,894 B1

Page 1 of 5

DATED : October 26, 2004

INVENTOR(S): Nicholas C. Nicolaides; Luigi Grasso; Philip M. Sass

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page.

Item (56), **References Cited**, U.S. PATENT DOCUMENTS, please insert the following reference:

-- 5,885,827 3/1999 Wabl et al. 435/320.1 --.

OTHER PUBLICATIONS, please insert the following references:

-- Allen, D., et al., "MutS mediates heteroduplex loop formation by a translocation mechanism," EMBO J., 1997, 16(14), 4467-4476.

Baker, S.M., et al., "Male mice defective in the DNA mismatch repair gene PMS2 exhibit abnormal chromosome synapsis in meiosis," Cell, 1995, 82, 309-319.

Bell, C.J. et al., "Assignment of 30 microsatellite loci to the linkage map of arabidopsis," Genomics, 1994, 19, 137-144.

Bignami M., "Unmasking a Killer: DNA O⁶-methylguanine and the Cytotoxicity of Methylating Agents", Mutat. Res., 2000, 462, 71-82.

Bjornson, K., et al., "Modulation of MutS ATP hydrolysis by DNA cofactors," Biochemistry, 2000, 39, 3176-3183.

Bronner, C.E., et al., "Mutation in the DNA mismatch repair gene homologue hMLH1 is associated with hereditary non-polyposis colon cancer," Nature, 1994, 368, 258-261.

de Wind, N., et al., "Inactivation of the mouse Msh2 gene results in mismatch repair deficiency, methylation tolerance, hyperrecombination, and predisposition to cancer," Cell, 1995, 82, 321-330.

Drummond, J.T., et al., "Isolation of an hMSH2-p160 heterodimer that restores DNA mismatch repair to tumor cells," Science, 1995, 268, 1909-1912.

Drummond, J.T. et al., "Cisplatin and adriamycin resistance are associated with mutla and mismatch repair deficiency in an ovarian tumor cell line," J. Biological Chemistry, 1996, 271(33), 19645-19648. --

MAILING ADDRESS OF SENDER: Woodcock Washburn

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PATENT NO. 6,808,894 B1

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12

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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CERTIFICATE OF CORRECTION**

PATENT NO : 6,808,894 B1
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Page 2 of 5

It is certified that errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page,

Item (56), **References Cited**, OTHER PUBLICATIONS, please insert the following references:

-- Edelman, W., et al., "Meiotic pachytene arrest in MLH1-deficient mice," Cell, 1996, 85, 1125-1134.

Emery, S.C. and Harris, W.J., "Strategies for Humanizing Antibodies" In C.A.K. Borrebaeck (Ed.) ANTIBODY ENGINEERING. Oxford University Press, N.Y. 1995; pp. 159-183.

Eshleman, J.R., et al., "Mismatch repair defects in human carcinogenesis," Human Molecular Genetics, 1996, 5, 1489-1494.

Rulicke et al., Special review series-gene manipulation and integrative physiology, pp. 589-600, 1996.

Bishop Chromosomal insertion of foreign DNA, pp. 607-619, 1996.

Polejaeva et al., New advances in somatic cell nuclear transfer application in transgenesis, pp. 117-126, 2000.

Anderson, Human gene therapy, pp. 25-30, 1998. --.

Item (56), **References Cited**, OTHER PUBLICATIONS:

"Yu, Y. et al.," reference, please delete "induccs" and insert -- induces -- therefor.

"Hoang J., et al.," reference, please delete "Lnes", and insert -- Lines", -- therefor.

"Khazaeli, M.B. et al.," reference, please delete "Huamn " and insert -- "Human -- therefor.

"Nicolaides, N.C., "A naturally occurring hPMS2 mutation..." reference, please delete "nutator" and insert -- mutator -- therefor.

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Item (56), References Cited, OTHER PUBLICATIONS:

"Su, S., et al.," reference, please delete "J. Biological Chemistyr," and insert -- J. Biological Chemistry, -- therefor.

"Vora, K.A. et al.," reference, please delete "Medicien," and insert -- Medicine, -- therefor.

"Wheeler, J.M.D., et al.," reference, please delete "J. Med. Gent.," and insert -- J. Med. Genet., -- therefor.

In the Drawings,

The drawings for Figures 2 and 4 are blotchy and not readable. Replacement sheets for Figures 2 and 4 are attached to better show the clarity and detail.

Column 3,

Line 13, please delete "hut" and insert -- but -- therefor.

Line 50, please delete "MSH2," therefor.

Line 60, please delete "MSH2," therefor.

Column 4,

Line 63, please delete "polypeptides" and insert -- polypeptides -- therefor.

Column 6,

Line 25, please delete "galactosidase" and insert -- β -galactosidase -- therefor.

Line 31, after "expression/secretion", please insert -- . -- therefor.

Column 8,

Line 4, please delete "can he" and insert -- can be -- therefor.

Line 10, after "itself", please insert -- . -- therefor.

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Column 27,

Line 39, please delete "5,530,101to" and insert -- 5,530,101 to -- therefor.

Line 59, please delete "82:321-300." and insert -- 82:321-330. -- therefor.

Column 28,

Line 28, please delete "RER" and insert -- RER⁺ -- therefor.

Line 58, please delete "0(6)-" and insert -- O(6)- -- therefor.

Line 65, please delete "Galio. L. et al." and insert -- Galio, L. et al. -- therefor.

Line 67, please delete "27:2325-23231." and insert -- 27:2325-2331. -- therefor.

Column 29,

Line 36, please delete "and" and insert -- an -- therefor.

Line 61, please delete "PEF" and insert -- pEF -- therefor.

Line 63, please delete "2." and insert -- 2, -- therefor.

Column 30,

Line 1, please delete "Kinzler." and insert -- Kinzler, -- therefor.

Line 12, please delete "(Nicolaides." and insert -- (Nicolaides, -- therefor.

Line 14, please delete "tile" and insert -- the -- therefor.

Column 31,

Line 47, please delete "1 nM" and insert -- 1 mM -- therefor.

Column 32,

Line 45, please delete "PBS⁻" and insert -- PBS^{-/-} -- therefor.

Line 48, please delete "PBS⁻" and insert -- PBS^{-/-} -- therefor.

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Column 33,

Line 11, please delete "ower" and insert -- lower -- therefor.

Line 22, please delete "Superscript I" and insert -- Superscript II -- therefor.

Line 57, please delete "RTPCR" and insert -- RT-PCR -- therefor.

Line 62, please delete "residue-6" and insert -- residue -6 -- therefor.

Column 34,

Line 10, please delete "whih" and insert -- which -- therefor.

Line 64, please delete "1136" and insert -- H36 -- therefor.

Column 36,

Line 32, please delete "5'direction" and insert -- 5' direction -- therefor.

Line 42, please delete "271:9645-19648)." and insert -- 271:19645-19648). -- therefor.

Line 52, please delete "MLH1might" and insert -- MLH1 might -- therefor.

Column 38,

Line 12, please delete "27:2325-23231)." and insert -- 27:2325-2331). -- therefor.

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